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OCTOBER, 1905 NUMBER 39

The University of North Carolina

THE RECORD

PUBLISHED BY THE UNIVERSITY

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AT CHAPEL HILL, N. C.

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Number 39. Fifty Cents a Year. October, 1905.

UNIVERSITY DAY.

University Day, October twelfth, was celebrated with interesting exercises at the University itself, and in many cities of North Carolina and other states. Telegrams brought loving greetings during the day from Alumni Associations at Atlanta, Birmingham, New York City, Charlotte, Greensboro, High Point, Raleigh, Salisbury, Wilmington, Winston-Salem, and other places. One telegram said: "Affectionate greetings to our Alma Mater. We endorse the broad aims of her present administration, and rejoice in the awakened appreciation of her services to the Commonwealth." Another brought this sentiment: "The University, may Heaven's blessings attend her; the State, may it always foster her; the people, may they always encourage and support her; the Alumni, may they always reflect credit on her."

Messages were received also from many old students and friends of the University, who remembered the day.

The exercises at the University were opened with prayer by Rev. J. W. Wildman. The University Orchestra furnished uncommonly good music, and the chorus of hundreds of voices sang with hearty spirit the University Hymn,

"*Dear University!*
Thy sons right loyally
Thy praises sing."

Hail to U. N. C.,

"*Hark the sound of loyal voices,*
Ringing clear and true,"

and the Song of the Old Alumnus,

"*Fair Hill! thy woodlands, lawns and streams,*
Deep graved in memories truth."

The address was delivered by Colonel Robert Bingham, of the class of 1857, Headmaster of the Bingham School at Asheville. His subject was: "The status of the South in the past, and its decadence therefrom; and the status of the South of the present, and the methods whereby we may restore it to the status of the past." The address was packed with thought, and was heard with intense interest by the large audience. It was far too good to permit the RECORD to publish a mere synopsis of it.

President Venable spoke briefly of what constitutes the true university, setting forth the noble ideal which our own University has before it. He then made a report on the condition of the University:

"Among the notable facts marking the session of 1904-05 as one of progress were the following:

1. The number of students enrolled was 667, the largest number in the history of the University.

2. The new gymnasium was completed. This was a gift from Judge W. P. Bynum, and few things have brought such pleasure and enjoyment to the whole student body.

3. The Legislature increased its annual appropriation for the support of the University to $45,000. In addition, an appropriation of $50,000 for a new chemical laboratory was made. This was the first direct appropriation for a building in the history of the University, and marks a new era.

4. Mr. Andrew Carnegie offered $50,000 for a library building, provided that a similar sum is raised for its endowment. The raising of such a sum is a heavy task before us, but we have hopes of ultimate success.

5. The General Education Board appropriated an annual sum of $2500 for the support of a professorship of school organization and high school agent. This act means much

he development of secondary education in the State.

6. A Department of Applied Science was organized, strengthening and coordinating the work already being done in this direction.

7. A University Council was established, giving head and system to the self government among the students. This council consists of the presidents of the senior, junior and sophomore classes, and a representative from the law, medical and pharmacy departments. A seventh man is chosen from the senior class by these six, and the council is presided over by the president of the senior class.

8. A charter was granted by the National Council to the Phi Beta Kappa, or Honor Society, thus bringing it into close connection with the strongest institutions in the country.

9. The Toch Fellowship in chemistry was established.

10. The session was marked by good order among the students and by increasingly satisfactory work in all departments.

11. The new session has opened with a still larger attendance of students. The freshmen class is the largest which has ever entered the University, giving promise of regular and steady growth in all the classes.

12. The faculty has been strengthened by the addition of several new professors and assistants."

In the afternoon, there was a game of football. In the evening a pleasant reception, at which refreshments were served, was given by the President and Faculty to the members of the senior class, the second-year students in the professional schools, and visitors. As Commons Hall holds no large number of people, invitations were necessarily limited to these. As the day was observed in their own towns, not many of the alumni were able to be present. Among those who came were three members of the executive committee, Major John W. Graham, Dr. R. H. Lewis, and Mr. Josephus Daniels, and Mr. John Sprunt Hill.

Reports have not been received of the meetings held in all of the cities where the day was celebrated. The Wake county

association had its annual banquet in Raleigh, attended by more than fifty members. Mr. C. M. Busbee presided, in the absence, through sickness, of the president, Mr. Thomas Johns, of Auburn. Toasts were responded to by Dr. Hubert Royster, Messrs. Herbert W. Jackson, Z. V. Judd, Josephus Daniels, Thomas S. Kenan, J. Bryan Grimes, W. J. Peele, W. J. Andrews, W. H. Pace, T. J. McLean, Martin Fleming, Walter Grimes, G. L. Jones, and Claude Denson.

Dr. James McKee, of '61, was elected President, and Mr. W. J. Peele, of '79, Secretary. The association established a scholarship, to be awarded to a student from Wake county.

The Guilford County Association had a banquet in Greensboro, with a large number of members present. Mr. A. W. McAlister acted as toastmaster. The toasts were as follows: "The University of Former Days," Col. James T. Morehead; "The University Since the War," E. D. Broadhurst; "University training," Rev. Dr. S. B. Turrentine; "A New University Type," D. P. Stern; "The University Trustee," Dr. W. T. Whitsett; "The University man at the Bar," A. B. Kimball; "The Man on the Hill," T. J. Gold, High Point; "The Alumni Association," Charles L. Van Noppen; "The Alumni as Teachers," W. H. Swift.

Dr. Charles D. McIver was elected president; Mr. A. W. McAlister, vice-president: and Mr. V. C. McAdoo, secretary and treasurer.

The following resolutions, offered by Dr. J. E. Brooks, were unanimously adopted:

"Resolved: That we, the Alumni Association of Guilford county, congratulate President Venable and the faculty of the University upon their faithful adherence to and service in training the youth of the State. We extend to them our best wishes for an equally serviceable and profitable future.

"Resolved, further: That as true North Carolinians we have viewed with genuine pleasure the helpful and elevating influence that the University has had upon every phase of the life of our State.

"Resolved, further: That we express in this public manner our satisfaction at the high ethical standard and deep religious training inculcated at the University.

"Resolved, further: That as loyal alumni and equally loyal citizens we are especially gratified at the unselfish and patriotic efforts of the trustees, faculty, alumni and others, to increase the usefulness of the University; to the further promotion of this we pledge our united and individual efforts.

"Resolved, further: And as an evidence of the above, that the Alumni Association of Guilford county pledges freely to the University the sum of $60 to be used as a scholarship for any student of the literary department that the president and faculty deem worthy, or in such other manner as they may decide upon."

The amount required for the scholarship was immediately raised.

The members of the Wilmington Association went in a special car to Lumina, where an oyster roast added to the enjoyment of the meeting. Dr. G. G. Thomas was elected president; Mr. Marsden Bellamy, Jr., vice-president; Mr. Benj. Bell, Jr., secretary; Mr. E. P. Willard, treasurer. One of the members present writes to President Venable:

Wilmington, N. C., October 13th, 1905.

"The Alumni of the University of North Carolina living in the city of Wilmington met last night to give proper and pleasant observance to 'University Day'. The meeting was held at the call of the younger members of the Association, and those in attendance were members of the classes attending the University from the time of the administration of Dr. Battle, through the succeeding one, and including the years that you have been in the executive office.

There were present of the older Alumni only Hon. A. M. Waddell and Dr. G. G. Thomas. I take it as significant of a promise of better days for the Association that the management has fallen into the hands of the sturdy younger members,—all full of hope and ambition, with the sun of life still

approaching its zenith. There was a loyal love for Alma Mater in everything that marked the pleasant occasion, and a movement was started which has for its ultimate issue the raising of an endowment fund for the University; the work to begin here and to be presented to every Alumni Association in the State for their consideration and assistance. The hope for the success of the scheme has its strong foundation on the fact that it is to be undertaken and pushed by the younger men—full of energy and inspired by the true enthusiasm for the University's interest that ought to bring good results, if they can make the movement attractive to other associations besides ours.

"We congratulate you upon the promise of another year of high record, and wish to put ourselves on the list of those who will endeavor to aid you in your most admirable administration.

"Wilmington sends you and your colleagues continued greetings and good wishes."

At the dinner of the Alumni of the University of North Carolina resident in and around New York City, thirty-six members of the Association were present, as follows: Ex-Justice Augustus Van Wyck, Dr. Chas. Baskerville, Lindsay Russell, Rev. St. Clair Hester, Ralph H. Holland, Henry Staton, H. M. Thompson, J. A. Gwyn, Alexander Stronach, Ralph H. Graves, Louis Graves, Dr. H. C. Cowles, Jr., Victor E. Whitlock, Dr. Walter D. Price, Louis G. Rountree, Neal R. Graham, J. Cheshire Nash, A. Marvin Carr, Edmund McDonald, Jr., J. Cox Webb, Kingsland Van Winkle, Henry T. Sharp, Frank S. Faison, A. Clinton Miller, W. McKim Marriott, Reston Stevenson, J. P. Irwin, H. B. Stort, Jr., Preston Cumming, Jr., H. M. Bernhardt, Gaston B. Means, F. W. Coker, Fred H. Lemly, W. C. Curtis, John S. Henderson, Jr., and Burke Bridgers.

Judge Van Wyck, of '64, presided as toastmaster, and informal speeches were made by him and by Messrs. Baskerville,

Holland, Russell, Graves, Thompson, Staton, Means, Hester, and Carr.

These words of Judge Van Wyck can be said by many Alumni, who are grateful to their Alma Mater for the wise training given to them: "I am glad that I went to the University of North Carolina. While it is not as large an institution as some of the northern universities, it does as much for its students as any of them."

President Venable's report of the year's progress and of the University's prospects was heard with pleasure and pride by the New York association, as well as by the others. And the University hears with equal pleasure and pride the statement made by one of its New York Alumni: "There are more than one hundred of the old students of the University in and about the city; and, from all that I can hear, every one of them is prospering."

CHANGES IN THE FACULTY.

The cause of medical education in the State suffers a loss in the resignation of Dr. Richard Henry Whitehead, Dean of the Department of Medicine at Chapel Hill and Professor of Anatomy and Pathology. After considering for several weeks the call to the deanship of the Department of Medicine in the University of Virginia, Dr. Whitehead reluctantly severed his connection with the University of North Carolina, and has already entered upon the duties of his new position. As a scholar and original investigator Dr. Whitehead has made his influence felt far beyond the confines of this State, and he and his estimable wife carry with them the good wishes of the entire faculty and student body of this institution.

The Department of Medicine, however, both here and in Raleigh, will be maintained at its high level, and steps have already been taken to increase its former efficiency. The University of North Carolina is a member of the Association of American Medical Colleges and will conform strictly to the

standard of curriculum adopted at the meeting of the Association April 10, 1905, in Chicago. The effort is being made to parallel each lecture course by a corresponding laboratory course so that the theoretical and the practical may go together.

Dr. Issac Hall Manning retains the professorship of Physiology and becomes Acting Dean in Dr. Whitehead's place. Dr. Charles Staples Mangum, former Professor of Materia Medica and Therapeutics and Demonstrator of Anatomy, succeeds to the chair of Anatomy vacated by Dr. Whitehead, a chair for which Dr. Mangum's natural and acquired gifts peculiarly fit him. Dr. William De Berniere MacNider, former Demonstrator of Clinical Pathology and of Diagnosis in the Department at Raleigh, has been elected Professor of Pharmacology and Instructor in Pathology at Chapel Hill. Until a full professor of Pathology is chosen, Dr. MacNider will assume control of this important department. Dr. Leone Burns Newell, who for the past year has been assistant Demonstrator of Clinical Pathology in Raleigh, is now Demonstrator of Anatomy in the Department at Chapel Hill.

Dr. Manning, Acting Dean of the Medical Department, attended lectures at the University of North Carolina from 1882 to 1886. Until 1888 he was engaged in the drug business in Wilson and Durham. For the next six years he was chemist for the Navassa Guano Company of Wilmington, N. C. From 1894 to 1895 he studied medicine at the University of North Carolina, going thence to the Long Island Medical College, Brooklyn, where he obtained his M. D. in 1897. For the succeeding eighteen months he was an Interne in the Long Island College Hospital, and later Medical Examiner for the Atlantic Coast Line R. R. Company, becoming in 1900 Superintendent of the Atlantic Coast Line Hospital in Rocky Mount, N. C. In 1901 he was elected Professor of Physiology in the University of North Carolina. Dr. Manning is a hard student, an eminently successful practitioner, and thoroughly abreast of recent advances in medical science. He

has pursued special courses at Harvard University and at the University of Chicago.

The University has won deserved prestige in its Department of Chemistry. Dr. Venable was succeeded by Dr. Baskerville, who in turn is succeeded by Dr. Charles Holmes Herty. Born in Milledgeville, Ga., in 1867, Dr. Herty graduated from the University of Georgia in 1886, and received his Ph. D. from Johns Hopkins University in 1890. After serving the University of Georgia as Instructor in Chemistry, Physical Director, and adjunct Professor of Chemistry, he spent the year 1899-1900 in special study in Berlin, Charlottenburg, and Zurich. In 1902 he accepted the position of expert in the United States Bureau of Forestry and began at Ocilla, Ga., a series of field experiments on a commercial scale with his cup and gutter system of collecting crude turpentine, experiments which not only revolutionized the turpentine industry but which have helped to conserve the southern forests of long-leaf pine.

In 1903 Dr. Herty was granted a patent on his cup and gutter system, the system having been devised by him before entering the government service. The next year he resigned from the government employ to engage in the commercial introduction of his system through the Chattanooga Pottery Company, the sole manufacturers of his cup and gutter under the authorization of the patent. In January, 1905, he was elected to the chair of Chemistry in the University of North Carolina and entered upon his duties in the succeeding September.

Dr. Herty is the author of many contributions of a valuable nature. He has published vigorous articles on the purification of Southern intercollegiate athletics, though he is most widely known through his publications on the Double Halides and on different phases of the turpentine industry. The coming of Dr. and Mrs. Herty is a distinct gain to the social and academic life of the University.

The University is glad to welcome into its faculty Professor Nathan Wilson Walker, the head of the new Department of School Organization (see page 15). Professor Walker is a native of Currituck county and was prepared for college at the Atlantic Collegiate Institute of Elizabeth City, N. C. Receiving his A. B. from the University of North Carolina in 1903, he was made Superintendent of the Graded Schools of Asheboro, N. C., a position which he filled with conspicuous success until his call back to his *Alma Mater*. Professor Walker had taught in several of the public schools of the State before his graduation from the University. He has been a close student of public schools and of public school methods for many years and carries into his new field an enthusiastic faith in the public school as the unit of civic and social progress. At present he is visiting the high schools of North Carolina for the purpose of studying their methods, conditions, and problems, and his efforts are meeting with the hearty approval and co-operation of teachers all over the State. His lectures in the University will begin in January, 1906.

Professor Walker is a member of the Phi Beta Kappa Society and, while in the University, was editor-in-chief of *The Tar Heel* and associate editor of *The University Magazine* and *Yackety Yack*. He was married Dec. 29, 1903, to Miss Eva H. Pritchard of Scotland Neck, N. C.

Dr. R. B. Lawson, the new Instructor in Physical Training, was Physical Director of the Young Men's Christian Association of Lynchburg, Va., at the age of fourteen. From 1894 to 1897 he was Physical Director and student at Locust Dale Academy, Madison Co., Va. From there he entered the University of North Carolina, completed the two years medical course, and graduated from the University of Maryland in 1902. The Assistant in Physical Training is Mr. C. D. Wardlaw. Under the joint instruction of Dr. Lawson and Mr. Wardlaw the gymnasium work is making gratifying progress, the daily average of students being about sixty, a large average

when one considers the attractions at this season of tennis and football.

University circles note with pleasure the return to their professional duties of Professor Joshua Walker Gore and Associate Professor Edward Kidder Graham. In the absence of Professor Gore, whose health has been completely restored, the acting head of the Department of Physics was Professor Gustavus Chambers Crawford, A. B., S. B., and A. M. of Harvard.

Professor Graham returns after a year of successful graduate work in English at Columbia University. Dr. John McLaren McBryde, Jr., who served the University as Associate Professor of English during Professor Graham's absence, is now the Acting Dean of Sweet Briar Institute, Sweet Briar, Va. The University was fortunate in securing the services of two substitutes as able and well equipped as Professor Crawford and Dr. McBryde.

Leaves of absence for the year have been granted to Dr. James Edward Mills, Associate Professor of Chemistry, and Mr. Marvin Hendrix Stacy, Instructor in Mathematics. Dr. Mills goes to Germany to study chemistry. Mr. Stacy will study mathematics at Cornell University.

Mr. Frank McLean, an A. B. of the class of 1905, succeeds Mr. E. D. Broadhurst as Instructor in English.

Mr. Thomas Felix Hickerson, Ph. B. of 1904, has been appointed Instructor in mathematics.

The following assistants have been appointed: Louis Round Wilson, Ph. D. 1905, in German; Mr. Newman Alexander Townsend, Ph. B. of 1905, in German; Mr. Robert Henry McLain, Senior, in Mathematics; and Mr. William Henry Lee Mann, Senior, in Latin.

OPENING OF THE FALL TERM.

The one hundred and eleventh year of the University opened on September 11th. Once again it can be said, as has been the case for a number of years, that the session began with better prospects and a larger enrollment than in any year of the University's history. Not only is there a larger number of students, but the equipment has been improved in many directions, the teaching force increased and strengthened, and the institution is better prepared than ever for service to the young men of the State.

The following table shows the comparative enrollment in the different departments for the past five years. It should be noted, of course, that for this year the number given covers the registration only through October 11th:

ENTIRE YEAR.	ACADEMIC.	LAW.	MED.	PHAR.	TOTAL.*
1901-1902	415	61	62	29	563
1902-1903	402	93	83	46	608
1903-1904	403	105	72	55	616
1904-1905	441	91	100	47	666
On the 11th of October, 1905, the registration was:					
	435	102	93	36	652

Students continue to arrive from day to day, and considerable numbers will be added at the beginning of the spring term, January 2, 1906, so that the total enrollment for this year will probably be more than seven hundred.

Comparing the number of academic students for the past five years, we have the following table:

ENTIRE YEAR.	GRAD.	SEN.	JUN.	SOPH.	FRESH.
1901-1902	22	51	84	98	160
1902-1903	25	64	59	98	156
1903-1904	24	58	82	91	148
1904-1905	34	63	66	112	166
The numbers on October 11th of this year was:					
	26	52	67	111	179

*Deducting those in more than one department.

The average age of the freshmen class for the past five years:

1901-1902	1902-1903	1903-1904	1904-1905	1905-1906
19 y. 6 m.	18y. 9½ m.	19y. 2½ m.	19y. 1m. 11d.	19y. 5m. 7d.

Ninety-two per cent. of the students are from North Carolina.

South Carolina sends 15, Virginia 12, Florida 7, New York 4, Tennessee 3, Georgia 2, Pennsylvania 2, New Jersey 2, Montana 1, South Dakota 1, and Texas 1. That is, fifty students are from other states, as compared with forty-six in 1904-'05.

Counties represented by 10 or more students: Orange 35, Mecklenburg 30, Wake 28, Guilford 23, Buncombe 19, Edgecombe 19, Forsyth 16, Wayne 15, Alamance 14, New Hanover 13, Anson 11, Rowan 11, Sampson 11, Cumberland 10, Durham 10.

Statistics in regard to the religious denominations represented among the students will be of interest. There are 213 Methodists, 136 Baptists, 113 Presbyterians, 92 Episcopalians, 13 Christians, 7 Lutherans, 7 Roman Catholics, 6 Moravians, 6 Disciples, 6 German Reformed, 3 Friends, 3 Hebrews, 1 Congregationalist, 1 Reformed Dutch.

THE DEPARTMENT OF SCHOOL ORGANIZATION.

The chair of School Organization was established for the promotion and investigation of public high schools. The funds for the support of this department are contributed to the University by the General Education Board. The General Education Board, however, does not wish to dictate how this work shall be done; it merely furnishes the means for the University to do the work in its own way. The Professor of School Organization is a regular member of the Faculty, elected by the Trustees of the University, and is under the supervision and direction of the committee on School Organi-

zation. This committee is composed of Dr. Venable, Dr. Smith, and Professor Noble.

"The main and principal work" of the Professor of School Organization "shall be to ascertain where, in the State of North Carolina, the conditions are favorable for the establishment of public high schools not now in existence; he shall visit such places and endeavor to organize public high schools in accordance with the laws of the State of North Carolina, and shall endeavor to create in such communities a public sentiment that shall permanently sustain such high schools, and shall endeaver to place the high schools under such local leadership as shall give them intelligent and wise direction, and he and the University shall exercise a fostering care over such institutions.

"In so far as he can do so consistently with the above, it shall be his duty to visit high schools now in existence and seek to advance the grade of work done by them.

"In so far, and only in so far, as he can do so consistently with the above duties, he may lecture in the University of North Carolina on pedagogical subjects."

CHEMISTRY HALL.

The overcrowded condition of the laboratories and lecture room in Person Hall and the unsatisfactory ventilation of the laboratories made urgent the need for a larger and better arranged building, for the Department of Chemistry. These facts, together with complete plans for a new building, were laid before the last Legislature and an appropriation of $50,000 asked. The appropriation was voted, and in a short while the work of construction was under way.

The architect chosen was Mr. Frank P. Milburn, of Columbia S. C., who had previously designed the Alumni Hall and the Bynum Gymnasium. The contract for construction was awarded to Mr. Norman Underwood, of Durham, N. C.

The new building, to be named "Chemistry Hall," is located east of Alumni Hall and north of the New East building, facing west. By the selection of this location good water pressure is assured for all of the laboratories in the building.

The outer walls are of salt and pepper pressed brick laid with black mortar.

The main building, 120x68x48, comprises a first floor, a second floor, and a commodious basement. Adjoining this main building and to the rear of the center is the lecture room, 41x62x22.

To the right on entering the main building are the office and the private laboratory of the Director, the Department library, and a small lecture room; to the left are the office and private laboratory of the Associate Professor, a large laboratory for organic chemistry, containing locker desks for twenty-four students, and a combustion room.

On the rear or east side of the first floor are the laboratories for quantitive analysis, thirty-two desks, and adjacent fume room, advanced quantitative analysis, twenty-four desks, and technical chemistry, six desks. At each end of the corridor, which traverses the full length of the building, are balance rooms.

On the second floor are the laboratories for general chemistry, sixty-six desks, qualitative analysis, sixty desks, physical chemistry, eight desks, electro-chemistry, eight desks, a research laboratory, sixteen desks, a laboratory for physiological chemistry, forty-eight desks, a fume room, and a small lecture room. At the ends of the corridor on the second floor are a balance room, preparation room, and a dark room for spectroscopic work.

In the basement are the assay laboratory, rooms for gas machine, electric furnace, technical chemistry, constant temperature, a photographic dark room, a carpenter shop, store room for heavy chemicals, and a large stock room for chemicals and apparatus. From this stock room material is supplied to each floor of the building by an elevator.

Each laboratory is furnished with ample fume closets for the removal of noxious gases, while pivoted window sash insure proper ventilation of the rooms.

The entire building is heated by hot water from the central system of the University.

The main entrance hall leads direct to the lecture room, which is well lighted by high arched windows and has a seating capacity of two hundred, which can be increased somewhat as need requires. To the rear of the lecture room are a preparation room and a museum for specimens of typical chemicals, minerals, and products illustrating the various phases of chemical industries. Above these two last rooms is a small room for filing charts, diagrams, etc., used in illustrating lectures.

Fair progress has been made during the summer and autumn, the walls and roof of the lecture room are complete, the walls of the main building are almost finished, the manufacture of the laboratory desks is well under way, and a large part of the material for the plumbing is already on the ground. Unless there should be an unusually early winter, thereby delaying the work of plastering, it seems reasonable to hope that the building will be ready for occupancy by February 1, 1906.

THE LECTURE COURSE.

The Star Course for the season of 1905-06 was opened on October 14th by Opie Read, the author of "A Kentucky Colonel," "Emmett Bonlore," "The Jucklins," and other stories dealing with Southern life and character. Mr. Read was followed by Prof. Chas. Lane, of Georgia, who delivered his lecture "Talks and Talkers" on October 20.

During the spring term four more entertainments will be offered in the course. The Otterbein Quartette, which comes on January 22nd, is as highly recommended as was the Chicago Glee Club, which gave such general satisfaction last season. On February 17th, Mr. George Wendling, who needs no intro-

duction to a University audience, will lecture on "Stonewall" Jackson." Dr. John P. D. John, who will lecture on March 3rd, is spoken of as a thinker and speaker of much power. Edwin Brush, magician, who is said to be among the leaders in his special line, will close the course on March 15th.

Public lectures will be given from time to time by members of the faculty and other speakers, in addition to those offered in the star course.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

Building. Work on the Y. M. C. A. Building has been temporarily suspended on account of the failure on the part of some of the subscribers to pay their amounts promptly. The Treasurer now has about three hundred dollars on hand, and as soon as enough to warrant another move can be gotten together, the work will be resumed.

The building can easily be completed by Christmas and entered the first part of next term, if the necessary funds can be secured. It is the policy of the Building Committee to "pay as they go," so that they can turn the Building over to the Association, when it is completed, without any debt or incumbrance whatever.

The Association leaders were greatly disappointed that they were not able to move into their permanent quarters at the opening of this session, and they feel that the Building, being nearly completed but idle is a real draw-back to every department of Association work.

General Secretary. The Association, however, is not standing still waiting for the Building to be completed, but it is going forward with its distinctive work. Mr. A. F. Jackson, a graduate of the Alabama Polytechnic Institute (Auburn), who has been General Secretary at the Virginia Polytechnic Institute for the last three sessions, has been called to the general secretaryship of the University Association forthis year. The duties of this new officer in the Uni-

versity Association have not been constitutionally defined yet, but are in general as follows: "He shall have general oversight of all the activities of the Association, and shall in all ways seek the enlargement of its influence. He shall sustain a general advisory relation to the officers of the Association, and shall assist them in the discharge of their duties. He shall be a member *ex officio* of all committees of the Association, and shall attend their meetings and advise them in their work."

Bible Study. The Association is making special efforts to enroll in daily devotional Bible study every man in the University who has it in him to pursue such a course. The enrollment has reached one hundred and twenty-five, and it is confidently expected that the number will be much larger within a few weeks. The student leaders of the groups have organized themselves into a normal group with the object of studying principles and plans for keeping the Bible study work up to its highest possible efficiency. Several interesting and instructive courses in mission study are offered by the Missionary Department of the Association.

Life-Work Meetings. In the plan of meetings and lectures for the year there is included a series of life-work meetings, to be addressed by men from the various parts of the State, who hold high ideals of Christian service and who have attained success in their respective callings. Among the subjects in this series may be mentioned the following: "Guiding Principles in the Choice of Life-Work," "The Opportunities of the Christian Physician," "The Claims of the Ministry on University Men, "The Need of *Men* in the Legal Profession," etc.

University Calendar. The Association intends beginning the publication of a University calendar this year. The calendar for 1906 will consist of twelve sheets with a handsomely designed cover in University colors. Each sheet will have a cut of some University building, team or organization.

PUBLISHED WORK OF THE FACULTY.

J. D. Bruner.

"Another Parallel to a Couplet in Hernani," Mod. Lang. Notes, April, 1905. "The Character of Victor Hugo's Hernani," The Sewanee Review, April, 1905. "The Character of Dona Sol," The Univ. of N. C. Magazine, April, 1905. "Other Important Characters in Victor Hugo's 'Hernani'," The Sewanee Review, Oct. 1905. "Parallel Situations in Victor Hugo's 'Hernani' and Alfieri's 'Filippo,' "Mod. Lang. Notes, Nov. 1905. "Victor Hugo's Theory of the Romantic Drama," Univ. of N. C. Magazine, Nov. 1905.

William Cain.

"A Few Points in the Design of Reinforced Concrete Arches: a Discussion." Proceedings Am. Soc. C. E., Aug. 1905.

A Brief Course in the Calculus. D. Van Nostrand Co., New York, 1905. (See page 24.)

Archibald Henderson.

"On the Graphic Representation of the Projection of Two Triads of Planes into the Mystic Hexagram." Mitchell Sci. Soc. Journal, Dec. 1904. "A Memoir on the Twenty-seven Lines upon a Cubic Surface. Part I." Mitchell Sci. Soc. Journal, June, 1905.

C. H. Herty.

"Practical Results of the Cup and Gutter System of Turpentining," Circular No. 34, Bureau of Forestry, U. S. Department of Agriculture.

J. C. MacRae.

"The Highland Scotch Settlement in North Carolina." N. C. Booklet, Feb. 1905.

C. L. Raper.

Review of Weaver's "Internal Improvements in North Caro-

lina," American Historical Review, Jan., 1905. Review of Kasson's "The Evolution of the Constitution of the United States," Annals of the American Academy of Political and Social Science, March, 1905. Opinion on "The Taxation of Surplus Values," Public Policy, Chicago, May, 1905.

C. Alphonso Smith.

"Shetch of Edwin A. Alderman," Bulletin of U. of Va., vol. IV. No. 4. Review of Sinclair's "Manassas," Baltimore Sun, Dec. 28, 1904. Reviews of Rodeffer's "Inflection of the English Present Plural Indicative with special reference to the Northern Dialect" and W. von Staden's "Entwickelung der Praesens Indikativ-Endungen in Englishen," Mod. Lang. Notes, Feb. 1905. "Honor in Student Life in Colleges and Universities," The Educational Review, Nov. 1905. "Letters," Bulletin of Univ. of Va., vol. v. No 2.

A. S. Wheeler.

"Food Adulteration," The Outlook, July 29, 1905. "Some Problems in the Cellulose Field," The Chemical Engineer, July, 1905. "Bestimmung von Methoxylgruppen in einigen Lignocellulosen," Berichte der deutsch. chem. Gesellschaft, xxxviii, 2168.

Dr. C. Alphonso Smith has delivered the following lectures and addresses: "Literature in the South," the University Club, Providence, R. I., and the University College of Medicine, Richmond, Va. "Letters," a toast responded to at the installation dinner given at the University of Virginia to President Alderman; "Through Europe on a Bicycle," commencement exercises, White Cross Academy, Orange Co.; "Individuality," commencement exercises of Peace Institute, and of the University of Mississippi; "The Beauty and Unity of the Bible," Charlotte; "The Novel in America," the Woman's Club, Raleigh; "Southern Oratory before the War," commencement exercises of the Virginia Polytechnic Institute; "Honor in Student Life in Colleges and Universities," National Educational Association, Asbury Park, N. J.;

and Lectures on (1) "English Grammar and Composition," and (2) "The Short Story," Summer School of the South, Knoxville, Tenn.

Dr. Thomas Hume gave a month's course of lectures at the Summer School of the South on the Literature of the Bible, and four lectures at the Bible Institute of the Virginia Young People's Union, Staunton, Va., on The Literary Study of Isaiah and Ruth. During the summer he also delivered lectures on John at Patmos, and on Esther, Staunton, Va.; on The Divine Plan in History, Bristol, Tenn; and addresses on Vision and Service, Waynesboro, Va., and on The Attractive Elements in Teaching, before the Augusta S. S. Convention.

Professor Collier Cobb taught geology in its relation to forestry in the Biltmore Forest School during June; made some studies in the Triassic rocks of the Deep River and Wadesboro areas during July; and in August studied sand movements between Cape Henry, Va., and Currituck Beach, N. C.

The following members and ex-members of the University carried on investigations during the past summer at the marine Biological Laboratory of the U. S. Bureau of Fisheries, situated at Beaufort, N. C.—: Professor H. V. Wilson, Mr. C. A. Shore, Mr. R. E. Coker, Mr. I. F. Lewis, and Mr. A. F. Nichols.

Dr. C. L. Raper has finished the manuscript of "The Principles of Wealth and Welfare," a text on Economics for High Schools, for the Macmillan Co., of New York and London. During the month of December, 1904, Dr. Raper delivered a lecture at Guilford College, and also read a paper before the A. A. A. S. in Philadelphia.

Dr. A. S. Wheeler delivered a course of lectures on Organic Chemistry in the Harvard University Summer School.

Dr. Battle is putting the finishing touches to the first volume of his History of this University from its beginning

to the death of President Swain in July, 1868, about 700 pages octavo. A prospectus will shortly be issued.

He has also spent much time in annotating the diary by Dr. Elisha Mitchell of his Geological tour, principally in the western part of the state, in 1827 and 1828. The diary and notes are now being published as the James Sprunt Historical Monograph, No. 6.

Dr. Battle has in addition furnished to the Biographical History of North Carolina, now being printed, Memoirs of Col. John M. Galloway, of Colonel Paul B. Means, and of Colonel Rufus L. Patterson.

At the request of the Morehead family, Dr. Smith has written a sketch of John Motley Morehead, graduate of the University of North Carolina and Governor of the State from 1841 to 1845. The sketch will appear in the *Biographical History of North Carolina*, and also in the *South Atlantic Quarterly* for January, 1906. His *Studies in English Syntax* will be published in December or January. He is now at work upon *Language Lessons and Grammar*, a book introductory to his *Modern English Grammar*. The latter book has been adopted without a dissenting vote by the Louisiana School Board for exclusive use in the public high schools of that state.

A BRIEF COURSE IN THE CALCULUS.

By William Cain, Professor of Mathematics, University of North Carolina. D. Van Nostrand Co., New York, 1905.

The function of this exceptionally clear, simple, and rigorous text-book is two fold: it is intended both for the class-room student, and for the student without a teacher, who hopes to acquire some knowledge of the working principles of the Calculus in a short time. Such a brief course in the infinitesimal calculus is a necessity for students who desire to study more than the merest elements of Physics and Electrical Theory or other scientific branches. For the general

student, it properly rounds out his course in mathematics, lucidly exhibiting the most interesting as well as the most powerful instrument for research ever devised.

Among the noteworthy features of the book may be mentioned the two introductory chapters on Graphs, after the model of the most recent and best English texts, and the author's rigorous discrimination in his treatment of the concept of infinity. "The topics selected," the author says, "are mainly those involving fundamental principles. It is best for the student to hammer away at the essentials until they are thoroughly mastered before taking up more advanced studies. Hence fundamental conceptions have been treated more fully than usual, and a number of illustrative, worked examples and practical problems have been added. . . In the Differential Calculus, the two main problems—of rates and tangents—are treated fully in the work in question, by the method of limits. In the Integral Calculus, the conception of an integral as a limit of a sum is emphasized, fully demonstrated and illustrated by simple examples; the main object in all cases being to put the student in possession of principles that he can surely and confidently apply in the solution of problems, whether in pure or applied mathematics."

In a truly admirable way, the author has paid constant attention to rigor of treatment, without thereby sacrificing that simplicity which is the first aim of the book. One of the critics of the book recently wrote: "I cannot imagine a student who has completed the elementry trigonometry who could not, alone and unaided, pursue the whole treatise without difficulty. The superiority of the method of limits as an introduction to the analysis is beyond dispute."

ALUMNI NOTES.

It is hoped that information about the Alumni of the University, suitable for publication in this department of the RECORD, will be sent to the editors, box 114, Chapel Hill.

1799. Two biographies of Thomas Hart Benton, who was a student here in 1799, have been published recently. One, by Joseph M. Rogers, is published by George W. Jacobs and Co., in the "American Crisis Biographies;" the other is by William R. Meigs, and is published by the J. B. Lippincott Company. The standard life of Benton has been that written by President Roosevelt (Houghton, Mifflin and Co.,1888).

1818 and 1820. Rev. William Mercer Green, of Meridian, Miss., has presented to the Library a "Memoir of the Rt. Rev. James Harvey Otey, the first Bishop of Tennessee," by the Rt. Rev. William Mercer Green, Bishop of Mississippi. Bishop Green was graduated in 1818, Bishop Otey in 1820. The donor is a grandson of Bishop Green.

'53. Mrs. Jennie Murchison Carter, of Baltimore, daughter of Colonel Kenneth M. Murchison, has given to the University $1,500, to be invested and the income to be used to establish the Kenneth Murchison scholarship.

'56. Dr. J. B. Killebrew has been appointed by the U. S. Department of Agriculture tobacco expert for the department. He will have general charge of the department's work in the interest of the tobacco industry.

'57. Thomas S. Kenan was chosen President of the North Carolina Bar Association to succed the late Hamilton C. Jones, of '58.

'58. Rev R. H. Marsh, D. D., has served fourteen times as President of the Baptist State Convention.

'59. Hon. Wells Thompson is living on his plantation near Bay City, Matagorda county, Texas, and is one of the district judges of that State. He served in the Confederate Army throughout the war; was a member of the constitutional convention of 1866; district attorney; state senator and president of the senate; lieutenant Governor; a member of the board of three to codify the laws of Texas; and is now a district judge. Judge Thompson is one of many whom the University has trained for lives of usefulness.

'68. At the twentieth annual conference of State and Provincial Boards of Health of North America, held in Washington May 17th, Dr. Richard H. Lewis was elected president.

'68. Peter F. Pescud is called by *Texas Insurance* of June 27, the dean of Southern underwriters. An excellent likeness of Mr. Pescud is printed, with a sketch of his active and useful life. The office of the Pescud Agency is at 818 Gravier street, New Orleans, La.

'77. William B. Phillips is now engaged, a smining engineer, in opening the quicksilver mines, installing machinery, etc., at Terlingua, Brewster county, Texas. Dr. Phillips gave an instructive and interesting talk on mines and mining, in Gerrard Hall October 16th.

'79. Archibald H. Arrington has been appointed Private Secretary to Governor Glenn, to succeed General James D. Glenn, deceased.

'79. At the last meeting of the Grand Lodge of Masons, Lieutenant Governor Francis D. Winston, of '79, was elected Deputy Grand Warden; Samuel M. Gattis, of '84, Senior Warden; and R. N. Hackett, of '87, Junior Warden.

'80. The University of Maine conferred the degree of Doctor of Laws on Ex-Governor Charles B. Aycock at commencement, June 14, 1905.

'81. Dr. Charles D. McIver is President of the Southern Educational Association. Among the speakers at the last meeting of the Association, held in Jacksonville, Florida, were President Venable, Ex-Governor Charles B. Aycock, '80, and Dr. Charles D. McIver.

'82. W. B. Rodman, of Charlotte has been chosen to fill the position in the legal service of the Southern Railway made vacant by the death of Charles Price.

'82. The Columbian University has published an account of the meeting held under its auspices, in memory of Dr. Emil Alexander de Schweinitz. The pamphlet includes: Memorial

Resolutions; Biographical sketch, by Dr. Sterling Ruffin; Addresses, by Dr. H. W. Wiley, on behalf of the Bureau of Chemistry; Dr. D. E. Salmon, on behalf of the Bureau of Animal Industry; A Bibliographical sketch, by Dr. C. W. Stiles; Addresses on behalf of the Medical Society of the District of Columbia, by Dr. G. M. Kober, the students of the Medical Department, by Mr. H. McCollum, and Columbian University, by President C. W. Needham. The bibliography includes sixty-four papers, each one of which is a valuable contribution to science. An excellent picture of Dr. de Schweinitz is published as a frontispiece.

'85. Augustus White Long, who has just been made a Preceptor in English in the new Oxford tutorial system recently established at Princeton, has edited for the American Book Co., a volume of "American Poems," from 1776 to 1900, with notes and biographies. He is also joint editor of "English Poems from Chaucer to Kipling." Both of these books are intended for use in schools and colleges.

'88. Dr. W. T. Whitsett is President of the North Carolina Teachers Assembly, succeeding J. I. Foust, of '90. R. D. W. Connor, of '99, succeeds W. D. Carmichael, '97, as secretary.

Ex. '89. George P. Howell and R. P. Johnston, both Captains of Engineers in the United States Army, are in charge of government engineering work, the former at Charleston, S. C., and the latter at Wilmington, N. C.

'92. Dr. Charles Baskerville spent the vacation in visiting the laboratories of the principal universities of Europe. His book entitled "Radium and Radio-Active Substances; their Application especially to Medicine," has been published recently by Messrs. Williams, Brown, and Earle, of Philadelphia.

'92. At the session of the Grand Lodge held in Raleigh in May, Plato Collins was elected Grand Master of the Independent Order of Odd Fellows. Perrin Busbee, of '93, was elected Grand Warden.

'93. Victor E. Whitlock is a member of the firm of Holm, Smith, Whitlock, and Scarff, attorneys at law, with offices in the World Building, 61 Park Row, New York.

Ex. '95. R. H. Pittman, of Bishopville, S. C., is a member of the South Carolina Senate.

'95. Thomas Ruffin, who is practising law at Charlotte in partnership with Edmond Randolph Preston, Law, 1903, was one of the lecturers in the Summer Law School, June 7– August 25.

'96. Charles W. Briles is principal of the Sherman, Texas, High School.

'96. R. E. Coker was appointed in June to a fellowship in zoology at the Johns Hopkins University.

Ex. '97. Augustus L. Jones is manager of the Coonley Manufacturing Company, at Clyde, Illinois.

'97. R. H. Wright is head of the department of history in the City College of Baltimore.

'98. C. H. Johnston received the degree of Doctor of Philosophy from Harvard at the last commencement, and was chief marshal for the Ph. D. graduates. He is now Professor of Psychology in the Pennsylvania State Normal School, at Strasburg.

'98. Walter Thompson, Superintendent of the Concord schools, is President of the Association of Superintendents of City Schools.

'98. Robert E. Follin, for some time on the staff of the *New York Herald*, and later city editor of the *Charlotte Observer*, has bought the *Morning Journal*, of Winston-Salem, and is now editor of that newspaper.

Ex. '98. Rev. S. T. Shore is pastor of the Christian Church at San Angelo, Texas.

'99. Edgar D. Broadhurst, '99, and David P. Stern, '02,

have formed a partnership for the practice of law, with offices at Greensboro.

'99. H. L. Watson is editor of the Spartanburg, (S. C.) *Daily Herald.*

1900 In recognition of his services in athletics at the United States Military Academy, 1901-1905, a sabre was presented to Ernest Graves on March 18th.

1900. Rev. Thaddeus A. Cheatham now in charge of the parish at Tyler, Texas, will probably return to this diocese.

1900. Miss Alice E. Jones is professor of Latin in the Winthrop Normal and Industrial College, Rock Hill, S. C.

1900. Issac F. Harris has been elected a member of Sigma Xi, the honor society at Yale to which students are admitted who have distinguished themselves in scientific achievment.

1901. Miss Susan W. Moses is associate professor of languages in the Sophie Newcomb College for women, of Tulane University, New Orleans. Miss Imogen Stone, 1902, is associate professor of English in the same college.

Ex. 1901. Chalmers L. Glenn is cashier of the Wachovia Loan and Trust Company at High Point.

1902. Miss Christiana Busbee is associate professor of mathematics at Mount Holyoke College, South Hadley, Mass.

'02. Thaddeus A. Adams is practising law at Charlotte, with offices in the Trust Building.

1904. Charles P. Russell, for six months assistant city editor tof *The Charlotte Observer*, has been made secretary and treasurer of the Charlotte Handkerchief Manufacturing Company. *The Observer* calls him "a young man of ability, learning, and industry."

1904 (Law) Messrs John A. McRae and Plummer Stewart have formed a partnership for the practice of law in Charlotte, the firm name being Stewart and McRae. Their offices are in the Piedmont Building.

1905 (Med.). At the examination for license held by the State Board in May, Dr. L. B. Newell, a graduate of the Medical Department in 1905, stood first with an average of 95 6-7. There were one hundred and twenty-nine candidates, representing thirty-nine medical colleges. It will be remembered that M. C. Guthrie, M. D. 1904, led the candidates at the examination last year.

MARRIAGES.

At Raleigh, N. C., January 25, 1905, Miss Alice Kerr Stronach and Mr. William Boylan Snow.

At Raleigh, North Carolina, February 8, 1905, Miss Mary Winder Bryan and Rev. Francis Moore Osborne.

At Richmond, Virginia, February 8, 1905, Miss Annie Pender Gordon and Mr. Gaston Lord Myers.

At Raleigh, N. C., February 15, 1905, Miss Edith Butler and Mr. Joe Eli Alexander.

At Wilson, N. C., March 18, 1905, Mrs. Daisy Mobley and Mr. Dorsey Battle.

At Wadesboro, N. C., April 25, 1905, Miss Elizabeth Dunlap and Mr. Fred Jackson Coxe.

At Pantego, N. C., May 24, 1905, Miss Miranda Spencer and Mr. Rolanda Clarence Holton.

At Montgomery, Ala., June 20, 1905, Miss Margaret Kennedy and Rev. John Stanly Thomas.

At Franklin, N. C., June 20, 1905, Miss Isabel Elias and Mr. Virgil Laurens Jones.

At Greensboro, N. C., June 21, 1905, Miss Mary Folk Groome and Mr. Frank Ramsay McNinch.

At Greensboro, N. C., June 21, 1905, Miss Mary Pointevint Alderman and Mr. Richard Thomas Wills.

At Columbia, S. C., June 28, 1905, Miss Elizabeth Guignard and Mr. Louis Isaac Guion.

At Thompsonville, Conn., July 19, 1905, Miss Isobel Graham Aitkin and Mr. Holland Thompson.

At Nashotah, Wisconsin, August 3, 1905, Miss Marion Winkler and Dr. Walter Vernon Brem.

At Charlotte, N. C., September 14, 1905, Miss Annie Lawrence Pleasants and Dr. Mont Royal Farrar.

At Charlotte, N. C., October 17, 2905, Miss Nell Watkins and Mr. George Washington Graham, Jr.

At Enfala, Ala., October 18, 1905, Miss Mary Cornelia Foy and Mr. Dermot Shemwell.

At Charlotte, N. C., October 18, 1905, Miss Ellen Douglas Robertson and Mr. Charles Skinner Alston.

At Charlotte N. C., October 31, 1905, Miss Carrie Marshall Brown and Mr. Gaston Gilbert Gallaway.

At Raleigh, N. C., November 8, 1905, Miss Susie McGee Heck and Mr. Charles Alphonso Smith.

THE CLASS OF 1905.

At the commencement on May 31st, the degrees of Bachelor of Arts, Bachelor of Philosophy, and Bachelor of Science were conferred upon sixty graduates; there were seven Bachelors of Laws; four Graduates in Pharmacy; seven Masters of Arts; one Doctor of Philosophy; and nine Doctors of Medicine.

The physicians, lawyers, and pharmacists have all entered upon their professions. Of the masters, three are teaching; one is a clergyman; one is engaged in literary work; one, a student of law; and one is working for the degree of Ph. D.

The occupations and addresses of the others, so far as they are known, are as follows:

H. A. Allard, with U. S. Department of Agriculture.
W. G. Amick, princpal of High School, Griffin, Ga.
C. C. Barnhardt, teacher, Oak Ridge Institute.
S. B. Boone, farmer, Jackson.
L. Brigman, Rockingham.
J. F. Brower, teacher, Salem Boys' School.
C. M. Carr, hosiery manufacturer, Durham.
W. C. Cathey, engineering department, Southern R. R., Birmingham. Ala.
W. F. Cole, medical student, Johns Hopkins.
F. A. Cox, law student, University of Va.
J. R. Cox, in business college, Poughkeepsie, N. Y.
H. W. Davis, in business college, Poughkeepsie, N. Y.
J. S. Duncan, teacher, Aberdeen, Miss,
H. B. Gudger, medical student, University of Pa.
Julia H. Harris, teacher, Oxford Seminary.
H. B. Haywood, medical student, University of Pa.
C. J. Hendly, teacher High Point.
T. B Higdon, law student, and instructor in French, University of N. C.
J. C. Hines, Jr., assistant in Physics, University of N. C.
J. V. Howard, medical student, University of N. C.
H. McR. Jones, with Westinghouse Co., Wilkinsburg, Pa.
S. Jordan, teacher, Barnesville, S. C.
L. M. Kelly, chemist, Tenn. Coal and Iron Co., Ensley, Ala.
A. H. King, teacher, Sharp's Institute, Intelligence.
R. G. Lassiter, copper mining, Virgilina.
P. B. Ledbetter, medical student, University of N. C.
H. S. Lewis, law student, University of Va.
R. G. Lewis, Littleton, N. C.
Frank McLean, instructor in English, University of N. C.
G. M. MacNider, chemist, N. C. Dept. of Agriculture, Raleigh.
L. W. Matthews, in mission work, Indian Territory.
C. W. Miller, real estate business, Greensboro.
A. J. Moore, tobacco business, Greenville.

J. B. Murphy, medical student, Johns Hopkins.
A. F. Nichols, medical student, University of N. C.
K. B. Nixon, law student, Trinity College.
A. M. Noble, Jr., teacher, Pantego.
R. P. Noble, medical student, University of N. C.
W. H. Oldham, chemist, Tenn. Coal and Iron Co., Ensley, Ala.
G. L. Paddison, assistant in Chemistry, Kentucky State College.
W. K. Perrett, law student, University of N. C.
R. W. Perry, chemist, Cotton Seed Oil Co., Louisville, Ky.
H. H. Philips, law student, University of N. C.
J. B. Robertson, Superintedent of schools, Graham.
P. H. Rogers, paper manufacturer, Hartsville, S. C.
O. B. Ross, medical student, University of N. C.
L. G. Rountree, with Guardian Trust Co., New York City.
W. T. Shore, law student, University of N. C.
G. C. Singletary, principal of Star High School.
C. H. Sloan, teacher, Raynham.
G. L. Tabor, teacher, Aurora.
N. A. Townsend, law student and assistant in French, University of N. C.
J. J. Tyson, chemist, Tenn. Coal and Iron Co., Ensley, Ala.
C. M. Walters, medical student, University of N. C.
G. T. Whitaker, farmer, Letha.
J. K. Wilson, law student, University of N. C.
W. M. Wilson, insurance business, Rock Hill, S. C.
H. V. Worth, cotton manufacturer, Asheboro.
C. Wrenn, merchant, Mount Airy.
I. C. Wright, law student, University of N. C.

As usual, the percentage of teachers is large. Sixteen are engaged in educational work,—in universities and colleges, as superintendents and principals of public schools, and in private schools and academies. There are ten students of law, ten of medicine, and two of business. Nine are in manufacturing plants, (cotton, paper, hosiery, iron, copper, electrical mach-

inery). Five are in business, (tobacco, insurance, real estate, merchandise). Two are farming, two engaged in mining, one in missionary work, one in railway construction work. The occupations of the others are at present unknown.

It is safe to say that every member of the class will render to his community, his state, and his country, that good service for which his Alma Mater has trained him.

UNIVERSITY NOTES.

The degree of Doctor of Laws was conferred upon Dr. C. Alphonso Smith by the Uuiversity of Mississippi, June 7th, 1905.

There is universal regret at the loss to the community of Rev. W. T. D. Moss, who has gone to take charge of the Washington Heights Presbyterian Church at Washington, D. C.

The fourth edition of Cain's "Theory of Steel—Concrete Arches," containing much new matter, will appear shortly from the press of the D. Van Nostrand Co.

In connection with Dr. Thomas Ruffin, Dr. K. P. Battle, Mr. J. C. Biggs, and invited lecturers, Judge MacRae conducted a large Summer Law class during the past summer. In addition to his labors as editor of the N. C. Journal of Law, Judge MacRae is now engaged on some work for the Cyclopædia of Law and Procedure.

President Venable's election to the presidency of the American Chemical Society, the greatest honor that can be conferred on an American chemist, was a proper recognition of his work. No Southern chemist has heretofore been chosen President of the Society, so that Dr. Venable's election is an honor not only to himself and the University, but to North Carolina and the South.

Reverend Plato Durham, formerly of Trinity College, now pastor of the Trinity Methodist Church at Charlotte, preach-

ed the University sermon in Gerrard Hall on October 22nd. The subject, "The Study of the Bible," was discussed with Mr. Durham's customary clearness and power.

At the 161st meeting of the Elisha Mitchell Scientific Society, Oct. 17th, the following papers were presented: "Paper Making," Mr. A. S. Wheeler; "On the Formation of Regenerative Bodies in Sponges when kept in Confinement," Mr. H. V. Wilson; "Cubic Surfaces: an historical note," Mr. A. Henderson.

The Philological Club met Oct. 31, and the following topics were discussed: "A note on Alliterative Phrases in 'Dichtung und Wa hrheit,' " Mr. W. D. Toy; "The Origin of the Auxiliary, Do," Mr. C. A. Smith; "Jonson and the Character-writers," Mr. E. K. Graham. Mr. E. K. Graham is president of the club, Mr. W. D, Toy, vice-president, and Dr. L. R. Wilson, secretary and treasurer.

At the meeting of the Shakspere Club November 2nd, Dr. Thomas Hume was elected president, Mr. N. R. Claytor, vice-president, and Mr. R. M. Brown secretary. Papers were presented by Mr. Claytor on "Shakespere's Art in the Use of his Sources, as seen in Romeo and Juliet;" Mr. J. E. Pogue on "Typical Literary Forms in Romeo and Juliet;" and by Dr. Hume on "The Relation of the Passion Play of Ober-Ammergau to the Mediæval Miracle Play."

The North Carolina Historical Society met on October 23rd. Dr. Kemp P. Battle was re-elected President. and Mr. J. Kenyon Wilson, Hill Fellow in History, was elected Secretary. Papers were presented by Mr. Wilson on "The Revolutionary Provisional Government in North Carolina," and by Dr. Battle on "President Johnson's Attitude toward the South."

At the seventh annual session of the Tri-State Medical Association of the Carolina and Virginia, Dr. Hubert A. Royster, Dean of the Medical Department at Raleigh, was

elected President. Dr. W. W. McKenzie, of '91, was made a member of the Executive Committee.

In the Proceedings of the American Society of Civil Engineers, April, 1905, there is a paper on Reinforced Concrete Arches by Mr. B. R. Leffler, C. E., of which he says: "The method given by William Cain, M. Am. Soc. C. E., in his book on Steel Concrete Arches will be the basis." It is significant and noteworthy that this is one of the very rare cases in which a book has been made the basis of a Society paper. Professor Cain's discussion of this paper will be found in the Proceedings Am. Soc. C. E. for August, 1905.

Mr. L. R. Wilson, assisted by Messrs. R. M. Brown and M. Archer, recatalogued the University's collection of works on science during the Summer. Especial attention was given to the library of the department of chemistry to prepare it for its future quarters in the new laboratory. A complete duplicate catalogue, with special card case and fixtures, was made, and in the future all new works on chemistry will be catalogued both in the general library and in the departmental library. Since the opening of the term Mr. Wilson has met all the members of the freshman class in the Library, and has explained in detail the methods of using the catalogue, Poole's *Index*, and the dictionaries and encyclopaedias in the reference section. Several shipments of new books have been received, bound volumes of periodicals have been returned from the bindery, and a number of shades and other fixtures have been provided to add to the convenience of all who use the Library.

Professor M. C. S. Noble of the department of Pedagogy spent the summer months in inspecting and studying the public school systems of Scotland and England. He made a careful and extended study of the ideals, methods and organization of typical institutions from the kindergarten to training schools for teachers, taking copious notes of what he saw and bringing away with him many interesting and sug-

gestive samples of work done by pupils in the various grades. He also visited Rugby and Oxford, and then extended his tour to France, Belgium, and Germany.

The University football team has won the games played with Davidson (6-0) and Georgetown (36-0), and lost those with Pennsylvania (0-17), the Navy (0-38), and V. P. I. (6-35). The games yet to be played are: with the North Carolina A. and M. College, at Raleigh Nov. 11; V. M. I. at Winston-Salem Nov. 18; Virginia, at Norfolk, Nov. 30. The team is getting into good form, and will make the right kind of showing in the remaining games. It is gratifying to see in the New York *Times* of October 22, in its suggestion to establish a board of fifteen or twenty members to have supervision over all forms of amateur athletics, this recognition of the University's adherence to purity in athletics: "The South would secure its representation through the head of the University of North Carolina, a university, by the way, which is proving to be a great factor in the development of all that is good in sports and pastimes in the South."

Speaking of the influence of the University of North Carolina in other institutions, Colonel Robert Bingham, in his address on University Day, stated that it has furnished from its graduates presidents to Antioch College in Ohio, to the N. C. Agricultural and Mechanical College, the N. C. Normal and Industrial College, Tulane University, and the Universities of Texas and Virginia; and professors, associate professors, or instructors to the State Universities of Georgia, Texas, Missouri, Arkansas, Michigan, Mississippi, Florida, and Tennessee, and the Kentucky State College; to Dartmouth, Columbian (now George Washington), Princeton, Harvard, Clemson, Rutgers, City of New York, Lafayette, Cornell, Alleghany (Pa.), Pennsylvania College at Gettysburg, Southwestern Baptist at Jackson, Tenn., Virginia Polytechnic, Westminister Collge (Md.), University of Pennsylvania, Baltimore City College, North Texas State Normal at Denton, and the Pennsylvania Normal College at Stras-

burg; to Wake Forest, Trinity, Guilford, Elon, Lenoir, and Catawba; to the following colleges for women: N. C. Normal and Industrial, Winthrop Normal and Industrial, at Rock Hill, S. C., Smith College (Mass.), Mount Holyoke College, (Mass.), and the Sophie Newcomb College at New Orleans.

The foregoing list is not complete and is limited to those graduated since the reopening in 1875; but it shows to some extent the value set by other colleges and universities on the training given by the University of North Carolina.

NECROLOGY.

ALSTON, HOWARD, Littleton, N. C. Student 1889-'91. Lawyer. Residence, Charlotte. Born Sept. 24, 1872, died March 17, 1905.

BATTLE, WILLIAM KEMP, Raleigh. Student 1897. Bank Teller. Born Sept. 26, 1880, died August 4, 1905.

BORDEN, WILLIAM HENRY HARRISON, Goldsboro. A.B., 1860. Lieut. C. S. A. Manufacturer. Died August 15, 1905.

CARR, ALBERT G., Chapel Hill. A.B., 1867. Physician, Durham. Born April 21, 1897, died January 17, 1905.

COBB, NEEDHAM BRYAN, Wayne county. A.B., 1854. D.D. Lawyer. Baptist minister. Chaplain, C. S. A. President North Carolina Baptist Convention, 1879-'81. Born 1836, died on farm in Sampson county, May 31, 1905.

COX, WALTER OSCAR, Winston. Student 1895'-98. Teacher. Lawyer. Died August 23, 1905.

EGERTON, MONTRAVILLE WALKER, Hendersonville. Student 1885-'88. D.D. Lawyer. Baptist Preacher at Knoxville, Tenn. Born May 27, 1867, died March 22, 1905.

FAISON, EDWARD LIVINGSTON, Sampson county. A.B., 1854. C. S. A. Planter. Born 1830, died March, 1905.

GRAHAM, ROBERT DAVIDSON, Hillsboro. Student, 1859-'61. A.B., 1868. Captain C. S. A. Lawyer. Manufacturer. U. S. Government service. Died June 27, 1905.

*Hobson, James Marcellus, Davie county. A.B., 1861. Lieut. C. S. A. Judge Hale County Court, Ala. Residence Greensboro, Ala. Born 1840, died January 31, 1905.

Hutchins, John Rhodes, Chapel Hill. A.B., 1852. Farmer. Born, 1830, died April 19, 1905.

Little, Frank Milton, Wadesboro. Ph.B., 1886. Teacher. In U. S. Survey Service. Born February 7, 1865, died in summer of 1905.

Long, Noyes, Chapel Hill. Student 1890. Merchant. Born June 6, 1873, died October 4, 1905.

Munn, Angus, Bladen county. A.B., 1856. Teacher, Little River Academy. Died June, 1905.

Philips, Frederick, Edgecombe county. A.B., 1858. Captain C. S. A. Judge Superior Court. Lawyer. Planter. Trustee University of N. C. Residence, Tarboro. Died January 17, 1905.

Rogers, Junius Foster, Granville county. Student, 1878-'79. Insurance Agent. Born November 19, 1859, died July 17, 1905.

Robins, Marmaduke Swaim, Randolph county. A.B., 1856. Speaker of House of Commons, 1862. Private secretary to Gov. Vance, 1864-'65. Editor of *The Conservative*. State Senator, 1883-'85. Born August 21, 1827, died June 27, 1905.

Shaw, Colin, Fayetteville. A.B., 1838. Presbyterian Minister, Wallace, N. C. Died July 15, 1905.

Skinner, Thomas Edward, Hertford. A.B., 1847. D.D. (Wake Forest). Baptist Minister. Raleigh, N. C. Born 1825, died April 6, 1905.

Smith, Peter Evans, Scotland Neck. A.B., 1851. Planter. Civil Engineer. Director of C. S. Navy Yard. Born January 10, 1829, died October 14, 1905.

Watson, John Thomas, Nash county. A.B., 1843. Physician. Died in Petersburg, Va., in the autumn of 1905.

*Father of Captain Richmond P. Hobson, late of the U. S. Navy.

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Announcements

THE Spring Term of the University of North Carolina will begin January 2, 1906.

Registration, January 2, 3, 4, 1906. Applicants for admission will be examined on the days appointed for registration.

Lectures in the Academic Department and in the Professional Schools will begin January 4, 1905.

For the Catalogue or for detailed information, address

FRANCIS P. VENABLE, PRESIDENT

UNIVERSITY OF NORTH CAROLINA

CHAPEL HILL